



PATENT

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Jeffrey D. Myers, Reg. No. 35,964

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/072,605
Applicant(s) : Michael J. Renn
Filed : February 5, 2002
Title : DIRECT WRITE™ SYSTEM
TC/A.U. : 2877
Examiner : UNKNOWN
Docket No. : ODC2000-1-CIPB

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INFORMATION DISCLOSURE STATEMENT

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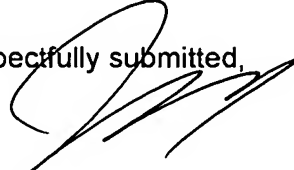
Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449's submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior references" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed prior to the mailing date of a first Office action. Therefore, no fee or certification is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,



Jeffrey D. Myers Reg. No. 35,964
Direct line: (505) 998-1502

Enclosures: PTO Form(s) 1449;
Copy of Reference(s)

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				Application Number	10/072,605
				Filing Date	February 5, 2002
				First Named Inventor	Michael J. Renn
				Group Art Unit	2877
				Examiner Name	UNKNOWN
Sheet	1	of	7	Attorney Docket Number	ODC-2000-1-CIPB

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document Kind Code ² Number (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		3,590,477	G. Cherooff, et al.	07/06/1971	
		3,715,785	A. V. Brown, et al.	02/13/1973	
		3,808,432	A. Ashkin	04/30/1974	
		3,808,550	A. Ashkin	04/30/1974	
		3,846,661	A. V. Brown, et al.	11/05/1974	
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		4,016,417	R.G. Benton	04/05/1977	
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		4,112,437	J. M. Mir, et al.	09/05/1978	
		4,200,669	R.J. Schaefer, et al.	04/29/1980	
Examiner Signature				Date Considered	

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		4,228,440	M. Horike, et al.	10/14/1980	
		4,269,868	N.B. Livsey	05/26/1981	
		4,323,756	C.O. Brown, et al.	04/06/1982	
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		5,032,850	G.B. Andeen, et al.	07/16/1991	
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		5,164,535	J.D. Leasure	11/17/1992	
		5,170,890	S.D. Wilson, et al.	12/15/1992	
		5,182,430	G.L. Lagain	01/26/1993	
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		5,254,832	G. Gartner, et al.	10/19/1993	

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		5,335,000	W.R. Stevens	08/02/1994	
		5,366,559	R. Periasamy	11/22/1994	
		5,378,505	T. Kubota, et al.	01/03/1995	
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		5,486,676	S. Aleshin	01/23/1996	
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		5,607,730	R.J. Ranalli	03/04/1997	
		5,612,099	S.L. Thaler	03/18/1997	
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		5,736,195	P.D. Haaland	04/07/1998	
		5,772,106	S.D. Ayers, et al.	06/30/1998	
		5,854,311	D.S. Richart	12/29/1998	
		5,940,099	H. Karlinski	08/17/1999	
		5,993,549	H. Kindler, et al.	11/30/1999	
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		6,015,083	D.J. Hayes, et al.	01/18/2000	
		6,110,144	R.T. Choh, et al.	08/29/2000	
		6,116,718	E. Peeters, et al.	09/12/2000	
		6,136,442	K.H. Wong	10/24/2000	
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		6,291,088	K.H. Wong, et al.	09/18/2001	
		6,293,659	P.D. Floyd, et al.	09/25/2001	
		6,340,216	E. Peeters, et al.	01/22/2002	
		6,406,137	T. Okazaki, et al.	06/18/2002	
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		6,416,156		J. Noolandi, et al.	07/09/2002	
		6,416,157		E. Peeters, et al.	07/09/2002	
		6,416,158		P.D. Floyd, et al.	07/09/2002	
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		6,454,384		E. Peeters, et al.	09/24/2002	
		6,467,862		E. Peeters, et al.	10/22/2002	
		6,481,074		H. Karlinski	11/19/2002	

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		EP	0 331 022 A2		Texas Instruments Incorporated	09/06/1989		
		EP	0 444 550 A2		Fried, Krupp Gesellschaft mit Beschränkter Haftung	09/04/1991		
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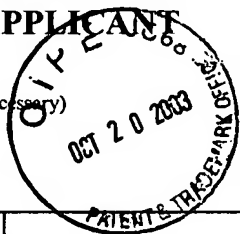
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				Application Number	10/072,605
				Filing Date	February 5, 2002
				First Named Inventor	Michael J. Renn
				Group Art Unit	2877
				Examiner Name	UNKNOWN
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		ASHKIN, A., "Acceleration and Trapping of Particles by Radiation Pressure", <i>Physical Review Letters</i> , January 26, 1970, pp. 156-159, Vol. 24, No. 4, The American Physical Society	
		ASHKIN, A., et al., "Optical trapping and manipulation of single cells using infrared laser beams", <i>Nature</i> , 24/31 December, 1987, pp. 769-771, Vol. 330, London, Great Britain	
		LEWANDOWSKI, H.J., et al., "Laser Guiding of Microscopic Particles in Hollow Optical Fibers", <i>Announcer</i> 27, Summer Meeting - Invited and Contributed Abstracts, July 1997, pg. 89	
		MARPLE, V.A., et al., "Inertial, Gravitational, Centrifugal, and Thermal Collection Techniques", <i>Aerosol Measurement: Principles, Techniques and Applications</i> , 2001, pp. 229-260, Wiley-Interscience, New York, N.Y.	
		ODDE, D.J., et al., "Laser-Based Guidance of Cells Through Hollow Optical Fibers", <i>The American Society for Cell Biology Thirty-Seventh Annual Meeting</i> , 12/17/1997	
		ODDE, D.J., et al., "Laser-guided direct writing for applications in biotechnology", <i>Trends in Biotechnology</i> , October, 1999, pp. 385-389, Vol. 17, Elsevier Trend Journals, Cambridge, U.K.	
		RENN, M.J., et al., "Evanescent-wave guiding of atoms in hollow optical fibers", <i>Physical Review A</i> , February, 1996, pp. R648-R651, Vol. 53, No. 2, The American Physical Society	
		RENN, M.J., et al., "Laser-Guided Atoms in Hollow-Core Optical Fibers", <i>Physical Review Letters</i> , October 30, 1995, pp. 3253-3256, Vol. 75, No. 18, The American Physical Society	
		RENN, M.J., et al., "Laser Guidance and Trapping of Mesoscale Particles in Hollow-Core Optical Fibers", <i>Physical Review Letters</i> , February 15, 1999, pp. 1574-1577, Vol. 82, No. 7, The American Physical Society	
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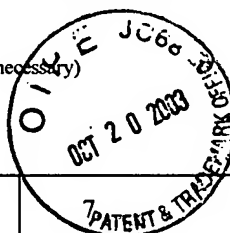
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		RENN, M.J., et al., "Optical-dipole-force fiber guiding and heating of atoms", <i>Physical Review A</i> , May, 1997, pp. 3684-3696, Vol. 55, No. 5, The American Physical Society	
		RENN, M.J., et al., "Particle manipulation and surface patterning by laser guidance", <i>Journal of Vacuum Science & Technology B</i> , Nov/Dec 1998, pp. 3859-3863, Vol. 16, No. 6, American Vacuum Society	
		RENN, M.J., et al., "Particle Manipulation and Surface Patterning by Laser Guidance", submitted to EIPBN '98, Session AM4	
		TSI Incorporated, "How A Virtual Impactor Works", www.tsi.com	
		Vanheusden, K., et al., "Direct Printing of Interconnect Materials for Organic Electronics", <i>IMAPS ATW, Printing an Intelligent Future</i> , March 8-10, 2002, pp. 1-5, Lake Tahoe	

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